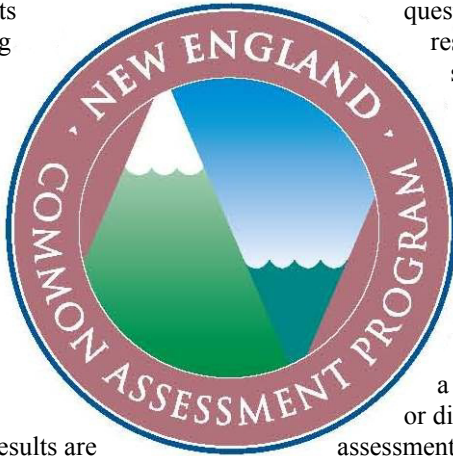


# About The New England Common Assessment Program

This report highlights results from the Spring 2012 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program.



NECAP science test results are used primarily for program evaluation, school improvement and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9-11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

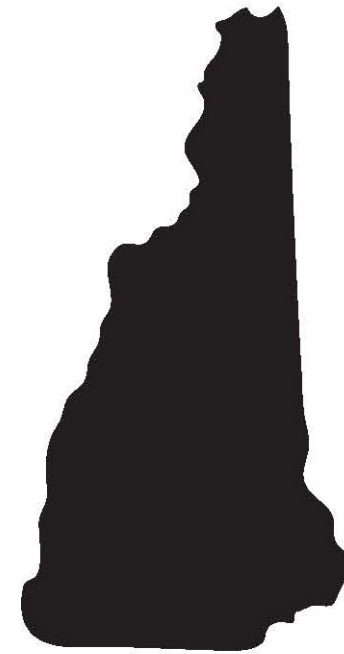
Each test contains a mix of multiple-choice and constructed-response

questions. Constructed-response questions require students to develop their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation.

This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP

science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2012 Grade 11 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2012 - Grade 11 NECAP Science Test

## Grade Level Summary Report

State: New Hampshire

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2011-12 school year, students who withdrew from the school after May 7, 2012, students who enrolled in the school after

May 7, 2012, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP	Number			Percentage		
	School	District	State	School	District	State
<b>Students enrolled on or after May 7</b>			<b>14,761</b>			<b>100</b>
<b>Students tested</b>	Science			Science		
With an approved accommodation			14,293			97
			1,534			11
Current LEP Students			164			1
With an approved accommodation			100			61
IEP Students			1,910			13
With an approved accommodation			1,155			60
<b>Students not tested in NECAP</b>			<b>468</b>			<b>3</b>
State Approved			105			22
Alternate Assessment			90			86
Withdrew After May 7			0			0
Enrolled After May 7			0			0
Special Consideration			15			14
Other			363			78

### NECAP RESULTS

SCIENCE	State																								
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Score
	N	N	N	N	%	N	%	N	%	N	%	N		%	N	%	%	%		N	%	%	%	%	
14,761	105	363	14,293	245	2	4,453	31	6,386	45	3,209	22	1135													

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



# Spring 2012 - Grade 11 NECAP Science Test

## Science Results

State: New Hampshire

### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

(Scaled Score 1152–1180)

### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

(Scaled Score 1140–1151)

### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

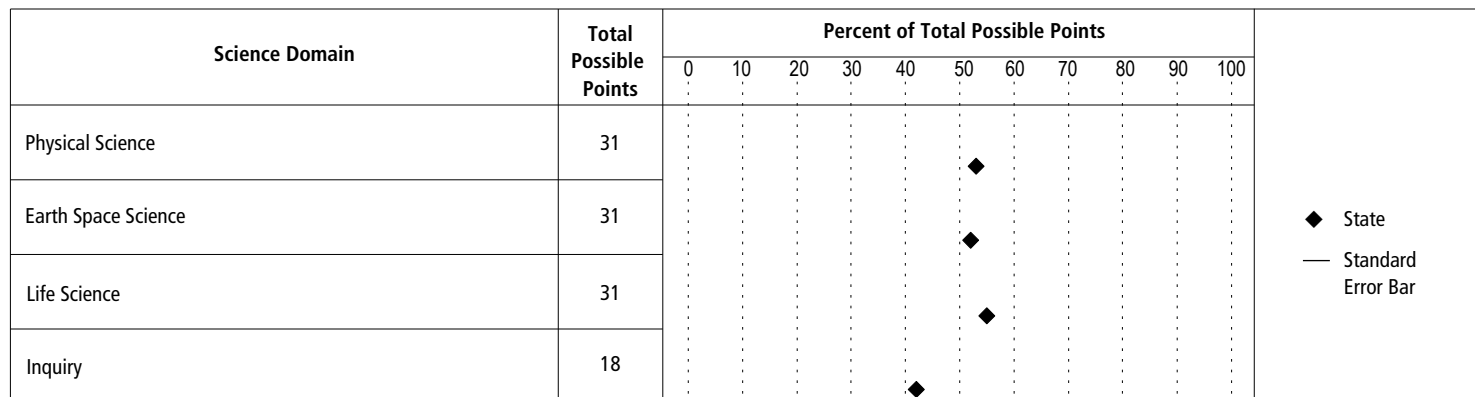
(Scaled Score 1130–1139)

### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

(Scaled Score 1100–1129)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2009-10													
2010-11													
<b>2011-12</b>													
Cumulative Total													
<b>District</b>													
2009-10													
2010-11													
<b>2011-12</b>													
Cumulative Total													
<b>State</b>													
2009-10	15,178	131	287	14,760	148	1	3,389	23	7,179	49	4,044	27	1134
2010-11	15,135	119	339	14,677	169	1	3,879	26	6,829	47	3,800	26	1134
<b>2011-12</b>	<b>14,761</b>	<b>105</b>	<b>363</b>	<b>14,293</b>	<b>245</b>	<b>2</b>	<b>4,453</b>	<b>31</b>	<b>6,386</b>	<b>45</b>	<b>3,209</b>	<b>22</b>	<b>1135</b>
Cumulative Total	45,074	355	989	43,730	562	1	11,721	27	20,394	47	11,053	25	1134





# Spring 2012 - Grade 11 NECAP Science Test

State: New Hampshire

## Disaggregated Science Results

REPORTING CATEGORIES	State																								
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	14,761	105	363	14,293	245	2	4,453	31	6,386	45	3,209	22	1135												
Gender																									
Male	7,537	59	210	7,268	138	2	2,267	31	3,079	42	1,784	25	1135												
Female	7,222	46	153	7,023	107	2	2,186	31	3,305	47	1,425	20	1136												
Not Reported	2	0	0	2																					
Race/Ethnicity																									
Hispanic or Latino	452	1	19	432	2	<1	67	16	170	39	193	45	1130												
Not Hispanic or Latino																									
American Indian or Alaskan Native	37	0	2	35	0	0	7	20	16	46	12	34	1131												
Asian	366	1	4	361	14	4	152	42	122	34	73	20	1137												
Black or African American	234	3	6	225	0	0	34	15	94	42	97	43	1129												
Native Hawaiian or Pacific Islander	10	0	1	9																					
White	13,538	100	327	13,111	227	2	4,149	32	5,923	45	2,812	21	1135												
Two or more races	122	0	4	118	2	2	40	34	55	47	21	18	1136												
No Race/Ethnicity Reported	2	0	0	2																					
LEP Status																									
Current LEP student	172	1	7	164	0	0	3	2	39	24	122	74	1124												
Former LEP student - monitoring year 1	34	0	2	32	0	0	1	3	18	56	13	41	1130												
Former LEP student - monitoring year 2	49	0	1	48	0	0	8	17	32	67	8	17	1134												
All Other Students	14,506	104	353	14,049	245	2	4,441	32	6,297	45	3,066	22	1135												
IEP																									
Students with an IEP	2,097	97	90	1,910	3	<1	103	5	641	34	1,163	61	1126												
All Other Students	12,664	8	273	12,383	242	2	4,350	35	5,745	46	2,046	17	1137												
SES																									
Economically Disadvantaged Students	3,033	35	136	2,862	15	1	462	16	1,313	46	1,072	37	1131												
All Other Students	11,728	70	227	11,431	230	2	3,991	35	5,073	44	2,137	19	1136												
Migrant																									
Migrant Students	0	0	0	0																					
All Other Students	14,761	105	363	14,293	245	2	4,453	31	6,386	45	3,209	22	1135												

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.